

20030326.qrp v02_n871.qrl.20030326

Date: Wed, 26 Mar 2003 19:03:05 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2871

QRP-L Digest 2871

Topics covered in this issue include:

- 1) [148127] Re: Cutting a branch
by KD5NWA <KD5NWA@cbayona.com>
- 2) [148128] Re: Cutting a branch
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 3) [148129] propagation software...
by sergio <sergio@village-buzz.com>
- 4) [148130] HAMCALC
by George Murphy VE3ERP <ve3erp@encode.com>
- 5) [148131] Re: Cutting a branch
by Pete Burbank <plburbank@earthlink.net>
- 6) [148132] Re: Cone of protection & Statistics
by "W8TIF - Karl" <kkanalz@gcecispc.com>
- 7) [148133] Sawing the tall branch
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 8) [148134] small less expensive coax connectors
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 9) [148135] FS: "New" Oscilloscope
by AA3BP@aol.com
- 10) [148136] Wanted: SST Docs
by "Terres Family" <terresfm@ncia.net>
- 11) [148137] Re: Cutting a branch
by "M.M." <markem@cox.net>
- 12) [148138] QRP-L Numbers
by Paul Valko <w8kc@comcast.net>
- 13) [148139] Re: propagation software...
by Bob Nielsen <nielsen@oz.net>
- 14) [148140] Re: small less expensive coax connectors
by Bob Nielsen <nielsen@oz.net>
- 15) [148141] Re: Comparison Argonaut V and FT-817
by "George, W5YR" <w5yr@att.net>
- 16) [148142] Re: Cutting a branch
by "George, W5YR" <w5yr@att.net>
- 17) [148143] Re: operating from hawaii
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 18) [148144] Re: small less expensive coax connectors
by "Mike Yetsko" <myetsko@insydesw.com>
- 19) [148145] K0EVZ FOX Log ;^(

- by "Doc K0EVZ" <dock0evz@earthlink.net>
- 20) [148146] Re: Cutting a branch
by "Merton Nellis" <mertnellis@msn.com>
- 21) [148147] Re: SMA connectors and cables, etc.
by "KXBill" <w7kxb@cox.net>
- 22) [148148] Las Vegas
by "Norman Zoltack" <k3nz@enter.net>
- 23) [148149] Re: Cutting a branch
by Rick McKee <kc8aon@juno.com>
- 24) [148150] Re: Cutting a branch
by "Brad Hernlem" <alihernlem@hotmail.com>
- 25) [148151] Arkiecon Pre-registration nearing the end
by "Jay Bromley" <w5jay@alltel.net>
- 26) [148152] ArkieCon's Dynamic Duo "Dr. Mega Cycle and Clifton Sikes
by "Jay Bromley" <w5jay@alltel.net>
- 27) [148153] OT: Interesting article (long)
by Rob Matherly <w0jrm@arrl.net>
- 28) [148154] Re: Cone of Protection?
by George Gingell <k3tks@u1.abs.net>
- 29) [148155] Re: Trimming Limbs for the Antenna Farm
by George Gingell <k3tks@u1.abs.net>
- 30) [148156] Re: propagation software...
by "Karl B. Staddon" <ve6kbs@agt.net>
- 31) [148157]
by "trickie@speed-mail.co.uk" <dick@trickie.com>
- 32) [148158] need Washington DC
by Jim Cluett <w1pid@yahoo.com>
- 33) [148159] Re: SMA connectors and cables, etc.
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 34) [148160] Re: OT: Interesting article (long)
by W2AGN <w2agn@w2agn.net>
- 35) [148161] Re: SMA connectors and cables, etc.
by "Leon Heller" <leon_heller@hotmail.com>
- 36) [148162] Re: Comparison Argonaut V and FT-817
by "Karl F. Larsen" <k5di@zianet.com>
- 37) [148163] Four State QRP Group Wednesday Warble
by "David Bixler" <qrp@netins.net>
- 38) [148164] Re: Comparison Argonaut V and FT-817
by Jerry Lofstead <w3cde@bellsouth.net>
- 39) [148165] Announcing the "QRP-Canada Parallel Run"
by Bruce Rattray <rattray@gpfn.sk.ca>
- 40) [148166] Thank you! Re: Cutting a branch
by Alex <kr1st@amsat.org>
- 41) [148167] RE: propagation software...
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 42) [148168] RE: "New" Oscilloscope
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 43) [148169] Re: elecrafft list question

- by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 44) [148170] Arkiecon 2003 update pre-registration list.
by "Jay Bromley" <w5jay@alltel.net>
- 45) [148171] At Last!--K0EVZ FOX Log
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 46) [148172] Re: SMA connectors and cables, etc.
by "DTX" <dtx@wood.tzo.com>
- 47) [148173] Re: Arkiecon Pre-registration nearing the end
by "George, W5YR" <w5yr@att.net>
- 48) [148174] Re: Arkiecon Pre-registration nearing the end
by "Jay Bromley" <w5jay@alltel.net>
- 49) [148175] Fairchild 95H90 info needed
by David Snowdon <norway@passport.ca>
- 50) [148176] Cutting a branch
by brewerj@squared.com
- 51) [148177] 555 Timer History
by David Snowdon <norway@passport.ca>
- 52) [148178] Re: Arkiecon Pre-registration nearing the end
by "W8TIF - Karl" <kkanalz@gcecispc.com>
- 53) [148179] Altoids tin pics
by "trickie@speed-mail.co.uk" <dick@trickie.com>
- 54) [148180] BRAG: Happy Dance!
by W2AGN <w2agn@w2agn.net>
- 55) [148181] Re: Cutting a branch
by Pete Burbank <plburbank@earthlink.net>

Date: Tue, 25 Mar 2003 17:01:42 -0600
From: KD5NWA <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148127] Re: Cutting a branch
Message-ID: <5.2.0.9.0.20030325164125.00a78bf8@pop.cbayona.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have not seen anyone mention the tool specifically made for this purpose, a pruning pole, it will cut through limbs over one inch quite easily. Mine has extensions on it that take it to 40 feet high, and I have used it at full height with no problems, so you could add extra extensions to take it higher, I assemble it right underneath the tree in an upright position, hook the limb, pull on the rope, and the limb is on it's way down.

At 01:34 PM 3/25/2003, Rick McKee wrote:

>1. Do you own a 22 rifle ?

>

>2. Are you a good shot ?

>
>3. Do you live far enough away from other land owners to safely shoot the
>limb off ?
>
>If you answered yes to all 3 questions, go ahead at your own risk and
>shoot it off, otherwise, flip a fishing line over it and use it to hoist
>a wire saw with ropes attached to the handle and saw it off safely from
>the ground.
>
> 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
>SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
> Power is for punks ! QRP is for the confident !
> QRP-L #2112, FPqrp #33, AR QRP #269
> "A clear conscience is most likely the result of a poor
>memory"
>
>
>
>-----
>Sign Up for Juno Platinum Internet Access Today
>Only \$9.95 per month!
>Visit www.juno.com

Cecil
KD5NWA

Date: Tue, 25 Mar 2003 18:02:17 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Rick McKee <kc8aon@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148128] Re: Cutting a branch
Message-ID: <Pine.LNX.4.44.0303251755550.22922-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Remember, when you shoot up, it's gotta come down somewhere.

A friend of mine and I were once using a small crossbow to launch
monofilament antenna-pulling line.

The first two shots? Great shots.

The third one?

The monofilament knot untied and we saw the arrow head for the sky.

We watched for the arc but we never saw it turn and head groundward.

Nothing.

Fortunately, it was a large backyard...still...

...what comes up, must come down...

and you can't always control the latter of the two.

On Tue, 25 Mar 2003, Rick McKee wrote:

```
> 1. Do you own a 22 rifle ?
>
> 2. Are you a good shot ?
>
> 3. Do you live far enough away from other land owners to safely shoot the
> limb off ?
>
> If you answered yes to all 3 questions, go ahead at your own risk and
> shoot it off, otherwise, flip a fishing line over it and use it to hoist
> a wire saw with ropes attached to the handle and saw it off safely from
> the ground.
>
> 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
> SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
> Power is for punks ! QRP is for the confident !
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>
>
> -----
> Sign Up for Juno Platinum Internet Access Today
> Only $9.95 per month!
> Visit www.juno.com
>
```

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Tue, 25 Mar 2003 18:22:49 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-1@Lehigh.EDU
Subject: [148129] propagation software...
Message-ID: <5.1.1.6.0.20030325182159.03948b80@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

does anyone have any recommendations for propagation software?

peace,
sergio
www.village-buzz.com - "the village buzz"
www.mp3.com/village_buzz - "the rock n roll, baby!"
www.coffee-black.com - rock photo!
phone ... 419 606 0557
to subscribe to The Village Buzz, send a blank email to:
VB-Announce-subscribe@yahoogroups.com
www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!

Date: Tue, 25 Mar 2003 18:24:21 -0500
From: George Murphy VE3ERP <ve3erp@encode.com>
To: qrp-1@lehigh.edu
Subject: [148130] HAMCALC
Message-ID: <5.2.0.9.0.20030325181741.00a019b0@mail.encode.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

HAMCALC BULLETIN!

HAMCALC (currently in version 64) is no longer available from me on CD. It can now be downloaded (free) from www.cq-amateur-radio.com .

-73= Murph, the Hamcalc guy.

[This E-mail scanned for viruses by Orillia ProNet with Declude AntiVirus]

Date: Tue, 25 Mar 2003 18:33:58 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: kc8aon@juno.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148131] Re: Cutting a branch
Message-ID: <5.2.0.9.0.20030325182636.00a40a70@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Rick,
I hope nobody takes the first part of your answer seriously. Several years ago a man died in Lexington, Ky while visiting his wife's grave at the cemetery. The bullet had descended from the sky.
NV4V

At 02:34 PM 3/25/2003, Rick McKee wrote:

>1. Do you own a 22 rifle ?
>
>2. Are you a good shot ?
>
>3. Do you live far enough away from other land owners to safely shoot the
>limb off ?
>
>If you answered yes to all 3 questions, go ahead at your own risk and
>shoot it off, otherwise, flip a fishing line over it and use it to hoist
>a wire saw with ropes attached to the handle and saw it off safely from
>the ground.
>
> 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
>SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
> Power is for punks ! QRP is for the confident !
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> "A clear conscience is most likely the result of a poor
>memory"
>
>
>
>-----
>Sign Up for Juno Platinum Internet Access Today
>Only \$9.95 per month!
>Visit www.juno.com

Date: Tue, 25 Mar 2003 18:01:08 -0600
From: "W8TIF - Karl" <kkanalz@gcecispc.com>
To: <lejek@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148132] Re: Cone of protection & Statistics
Message-ID: <012601c2f32a\$ce274010\$c21a0ed0@HamShack>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You should know that 57.498% of statistics are made up "on the spot" by
84.67% of the statisticians

KK

----- Original Message -----

From: "Larry Cahoon" <lejek@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 25, 2003 3:30 PM
Subject: Re: Cone of protection is documented at various sites

> I have to throw my \$0.02 here, not as a lightning expert, but rather as a
> statistician.
>
> First we have two threads going there. One basically said if the site it
> well grounded then it and the area around it is less likely to get hit.
> That is different than the other thread which asks if a strike occurs how
> well does a high object protect the surrounding area by taking the hit.
>
> The other point is that counter examples do not make a real case. A tall
> object may provide a "cone of protection." But it may only work 95% of
the
> time. The 5% of the times when someone observes the failure of the "cone
of
> protection" become arguing points for saying that the "cone of protection"
> does not work. It may in fact work most of the time. That is the
> danger in making conclusions without looking more closely at the data.
>
> What the examples do say is that no one should assume that they should feel
> safe just because there are nearby tall objects around. You do not want
to
> assume that the 100 ft trees in your yard will protect your antenna that
is
> only up 30 feet. Even with a 5% failure rate the risks are just too high
> to take that chance.

>
> And as a disclaimer, I have seen no data on the "cone of protection" so my
> 95% number is just hypothetical to make the point.
>
> Be Safe, 73 de Larry.....WD3P in MD
> <http://www.wd3p.net/>
>
>
>
>

Date: Tue, 25 Mar 2003 18:36:08 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <kr1st@amsat.org>, <qrp-1@Lehigh.EDU>
Subject: [148133] Sawing the tall branch
Message-ID: <005801c2f32f\$b187ba70\$4e100a0a@rohredt2000>

Alex, camping stores carry a cable saw. That is a device that has rings on the ends of an abrasive cable, for attaching lines. Throw or launch the line over the branch, and then grab both ends and saw back and forth when the cable saw is positioned over the undesired branch. If you local camping store does not have the cable saw, check out the camping web pages, and survival equipment. They were often in mail order catalogs from those places.

72,
Stuart K5KVH

Date: Tue, 25 Mar 2003 18:43:46 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <jaevans@mail.codenet.net>, <qrp-1@Lehigh.EDU>
Subject: [148134] small less expensive coax connectors
Message-ID: <006801c2f330\$c24c3830\$4e100a0a@rohredt2000>

John, I feel your pain at connector sticker shock! I find mine on surplus equipment or ham swaps. Or, try to get samples of the on board connectors sold for modern module work. I think they are called MCX connectors or something like that. A fall back but perfectly workable for ham use, are type F connectors, the TV cable ones. The down side is the need to use 75 ohm cable, but that is OK on a run of more than a couple of inches. It is stiff however. Don't over look the use of the power coaxial jacks and

plugs. Ten Tec used them on the Scout for 50 watts RF, and for the plug in modules and mine is still working fine after many years. They are close enough to 50 ohms for government work!

72,

Stuart K5KVH

Date: Tue, 25 Mar 2003 19:53:10 EST
From: AA3BP@aol.com
To: qrp-l@lehigh.edu
Cc: AA3BP@aol.com
Subject: [148135] FS: "New" Oscilloscope
Message-ID: <1d8.5fcfaa3.2bb253f6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

OK, here's the deal. I am offering for sale my used-only-once (really!) Protek Model P-3502C, 20MHz Dual Trace Oscilloscope. Price: \$200 plus shipping from Zip 17055.

I purchased this scope 4-5 years ago only to discover that I wasn't smart enough to figure out how to use it! (I am an avid QRP homebrewer, but don't get along with theory!)

It was turned on only once and played with for about 30 minutes. I successfully tested some components and the lines and circles appeared on the screen just like the book said they should. Been sitting on a table in my living room every since. XYL not happy; either I or the scope must go.

This scope is complete with probes, manual, and all else that came with it. I'll even throw in a couple books I bought on the subject.

Please contact me by direct e-mail (not through the list). I can provide additional specs if desired. Be assured that this item is exactly as described. I think I even have the original shipping box.

73,

Jim, AA3BP
Mechanicsburg, PA

Date: Tue, 25 Mar 2003 20:44:16 -0500

From: "Terres Family" <terresfm@ncia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [148136] Wanted: SST Docs
Message-ID: <000001c2f339\$36bdd090\$2382f3ce@amdxp2100>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi,

I bought the SST-30 that Steve Holloway KE4JZG offered on the list a while back, but he "Will continue to look for the manual but have not yet found it."

So if anyone could sell me/Xerox and send me/ or scan and email me: the manual/instructions/schematic/building notes for either the original norcal or the wilderness radio offering, it would be much appreciated.

TIA

& 72
jerry aa1of

Date: Tue, 25 Mar 2003 19:04:15 -0700
From: "M.M." <markem@cox.net>
To: qrp-1@Lehigh.EDU
Subject: [148137] Re: Cutting a branch
Message-ID: <5.2.0.9.0.20030325190327.00b03560@pop.west.cox.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I checked Harbor Freight and came up with this:

<http://www.harborfreight.com/cpi/ctaf/Displayitem.taf?itemnumber=32924>

Looks like it might do the trick.

HTH...

73...

Mark AA7TA

Date: Tue, 25 Mar 2003 21:20:42 -0500
From: Paul Valko <w8kc@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148138] QRP-L Numbers
Message-ID: <000d01c2f33e\$4ece4ca0\$7101a8c0@p4main>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Just for grins I ran the command to get a list of all QRP-L member numbers.
We're up to #2463 which was claimed by W0IS.

Pretty amazing.

Speaking for at least 2,463 hams, I say "Thank You!" to Chuck Adams as well
as to our list manager, Jim N3VXI.

73! =paul= W8KC
Collector of Ten*Tecs and Other Fine Plastics.
Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>

Date: Tue, 25 Mar 2003 18:21:19 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [148139] Re: propagation software...
Message-ID: <20030326022119.GA2263@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Tue, Mar 25, 2003 at 06:22:49PM -0500, sergio wrote:

>

> does anyone have any recommendations for propagation software?

<http://www.qsl.net/w6elprop> (free for non-commercial use)

--
Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S
n7xy@n7xy.net
<http://www.n7xy.net>

Date: Tue, 25 Mar 2003 18:25:58 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [148140] Re: small less expensive coax connectors
Message-ID: <20030326022558.GB2263@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Motorola uses (or did--I haven't seen any of their recent products) connectors similar to RCA phono connectors for RF interconnections on many of their radios. I think the center pins are a slightly different length, but that probably doesn't make much difference. They should work nicely on RG-174, etc.

Bob, N7XY

On Tue, Mar 25, 2003 at 06:43:46PM -0600, Stuart Rohre wrote:

> John, I feel your pain at connector sticker shock! I find mine on surplus
> equipment or ham swaps. Or, try to get samples of the on board connectors
> sold for modern module work. I think they are called MCX connectors or
> something like that. A fall back but perfectly workable for ham use, are
> type F connectors, the TV cable ones. The down side is the need to use 75
> ohm cable, but that is OK on a run of more than a couple of inches. It is
> stiff however. Don't over look the use of the power coaxial jacks and
> plugs. Ten Tec used them on the Scout for 50 watts RF, and for the plug in
> modules and mine is still working fine after many years. They are close
> enough to 50 ohms for government work!
> 72,
> Stuart K5KVH

Date: Tue, 25 Mar 2003 20:30:30 -0600
From: "George, W5YR" <w5yr@att.net>
To: <KE4IOF@KE4IOF.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148141] Re: Comparison Argonaut V and FT-817
Message-ID: <00d601c2f33f\$ac708660\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark, an 817 without the expensive 500 Hz CW filter will have a very tough time competing with the plain base kit K2 on CW. So, isn't that about another \$300 for that Collins filter?

The numbers tell me that for a CW rig, the K2 is both cheaper and a better performer than the 817 when attention is limited to HF CW.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Mark Andrews" <KE4IOF@KE4IOF.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, March 25, 2003 8:15 AM

Subject: Re: Comparison Argonaut V and FT-817

> Ok, let's do a little price comparison. This is only a price comparison of
> the 516, 817 and K2 with similar features. This is not a performance
> comparison, ONLY a price comparison.

>

> K2: (from factory)

> Base Kit \$599.00

> SSB Opt. \$89.00

> 160M Opt. \$35.00

> RS232 Intf. \$89.00

> Total: \$812.00

>

> 817: (from Gigaparts)

> Base Radio \$589.00 (No additional add-ons required to match the K2
> above)

>

> 516: (from factory)

> Base Radio \$795.00 (No additional add-ons required to match the K2
> above)

>

> When configured with similar options, the K2 is NOT cheaper than the other
> two. I am not advocating one radio over the other.

>

> On top of this, the 817 has several features that put raises its value,
like

> 6 meter, 2 meter and 440 operations as well as it is all mode including AM
> and FM operation.

>

> The 516, while not operating in the VHF/UHF frequencies, does offer all mode
> operation as well and produces 20 watts output.
>
> While I have never operated a K2 (or a 516 for that matter), based upon the
> praise it has received on this list and elsewhere I am sure it is a superb
> rig, and I may add one to my collection soon. However in terms of value
> (features/price) it lags somewhat behind the 516 and far behind the 817.
>
>
>
> Mark, KE4IOF
> -----
> Mark A. Andrews
>
> "You can't reason a person out of a position that the
> person wasn't reasoned into in the first place"
>
> ----- Original Message -----
> From: "Bill Coleman" <aa4lr@arrl.net>
>
> >
> >The 817 is a portable rig, the 516 is made for the
> > shack and maybe mobile, and the K2 is a kit and out of
> > the price class of the other two.
> >
> > Gosh, you're right. The K2 performs better, and it is cheaper!
> >
>

Date: Tue, 25 Mar 2003 20:31:39 -0600
From: "George, W5YR" <w5yr@att.net>
To: <kr1st@amsat.org>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148142] Re: Cutting a branch
Message-ID: <00de01c2f33f\$d5e85ea0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wouldn't worry about it . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: "Alex" <kr1st@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 25, 2003 9:59 AM
Subject: Cutting a branch

> Does anyone have any ideas on how to cut a small branch (less than half
> inch thick) at about 55 feet?
>
> I just put my inverted V with homebrew ladder line in the tree and
> there's this very small branch that just needs to sit right across the
> ladder line. No matter how I move the feed line around, it always gets
> in that position. I have no idea if this really is a problem at all
> since I also have the ladder line going through a wooden board in the
> window. I just figured that if the branch gets wet (or gets leaves) it
> may do something to the line, but I'm not even sure what.
>
> I tried breaking the branch, but it's too flexible to be pulled down by
> the antenna rope. Maybe I can attach something to the rope that would
> allow me to saw off the little branch.
>
> Any ideas would be greatly appreciated.
>
> Thanks,
> --Alex KR1ST

Date: Tue, 25 Mar 2003 21:08:07 -0800
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <pschweit@mninter.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148143] Re: operating from hawaii
Message-ID: <016d01c2f355\$b0bb9b90\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I can tell you that an indoor dipole didn't cut it when I vacationed there in 6/2001 with the IC-706-2G, even at full power. I made two or three Qs total. Try to get an outside antenna up. Maybe a full size 20 or 15 meter vertical.

72--Nick, WA5BDU

----- Original Message -----

From: "pschweit" <pschweit@mninter.net>

> I am planning to operate in the CQ dx contest qrp ssb in october.

>

> What advice can be offered on this topic?

>

> de KA0PGQ

>

Date: Tue, 25 Mar 2003 22:07:42 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <nielsen@oz.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [148144] Re: small less expensive coax connectors

Message-ID: <00bb01c2f344\$dfd689a0\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Motorola uses (or did--I haven't seen any of their recent products)

> connectors similar to RCA phono connectors for RF interconnections on

> many of their radios. I think the center pins are a slightly different

> length, but that probably doesn't make much difference. They should

> work nicely on RG-174, etc.

>

> Bob, N7XY

If they are what I've seen, they ARE pretty much generic RCA connectors, except that the insulator is some kind of ceramic.

Mike

Date: Tue, 25 Mar 2003 21:13:16 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [148145] K0EVZ FOX Log ;^(
Message-ID: <412003332631316625@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Mea culpa = meaning, my fault. I absolutely lost track of posting my log for last Thursday's Fox hunt. At least one guy wrote, hinting--but I missed it. I will post it as early as possible tomorrow.

Please forgive this oversight. My word, I had mentally gone to sleep on this issue.

73,
--Doc/K0eVZ

Date: Tue, 25 Mar 2003 21:22:07 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: kc8aon@juno.com, qrp-l@Lehigh.EDU
Subject: [148146] Re: Cutting a branch
Message-ID: <F26p7HoWK2vXnRV0yqi00034db7@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

No! No! Not a .22!

Please use a .410 shotgun with #7 or #8 shot and only if there are no gun restrictions in your area. Here in MN countryside I have done this many times. Don't have to aim as carefully (but moderately so) and the pellets come down rather safely in a very short distance. A .22 is very dangerous....that slug can really travel....where you don't want it. Even in a suburban area, a single blast from a .410 probably won't bring the police....but you are on your own, no bail from me.

73/72 Mert

W0UFO@ARRL.NET

>From: Rick McKee <kc8aon@juno.com>
>Reply-To: kc8aon@juno.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Cutting a branch
>Date: Tue, 25 Mar 2003 14:34:41 -0500
>
>1. Do you own a 22 rifle ?
>
>2. Are you a good shot ?
>
>3. Do you live far enough away from other land owners to safely shoot the
>limb off ?
>
>If you answered yes to all 3 questions, go ahead at your own risk and
>shoot it off, otherwise, flip a fishing line over it and use it to hoist
>a wire saw with ropes attached to the handle and saw it off safely from
>the ground.
>
> 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
>SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
> Power is for punks ! QRP is for the confident !
> QRP-L #2112, FPqrp #33, AR QRP #269
> "A clear conscience is most likely the result of a poor
>memory"
>
>
>

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<http://join.msn.com/?page=features/virus>

Date: Tue, 25 Mar 2003 20:26:08 -0700
From: "KXBill" <w7kxb@cox.net>
To: <jaevans@mail.codenet.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148147] Re: SMA connectors and cables, etc.
Message-ID: <00ed01c2f347\$711c41a0\$cf60344@ph.cox.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John:

I have been using "F" connectors for years around the shack.
Makes and good tight RF connection and very inexpensive.
Good Luck
Bill Harris

Date: Wed, 26 Mar 2003 03:32:20 -0000
From: "Norman Zoltack" <k3nz@enter.net>
To: <qrp-1@Lehigh.EDU>
Subject: [148148] Las Vegas
Message-ID: <002201c2f348\$4f4c71c0\$83a4c1d8@normanzo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody out there in Las Vegas that would like to get together for a drink & qrp stories? I will be at the Fitzgeralds Hotel on Fremont St. From April 9 - April 14. I would like to bring my Rock Mite along and op from the hotel if I can. Any suggestions? please respond directly to k3nz@enter.net Tnx & 73 de Norm Zoltack K3NZ

Date: Tue, 25 Mar 2003 22:52:58 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [148149] Re: Cutting a branch
Message-ID: <20030325.225530.9238.2.kc8aon@juno.com>

OK OK ! I must recant my comment on using a rifle, looks like some folks weren't smart enough to know I was just joking - SHEEESE ! "DON'T DO THIS" YOU KNOW, IT'S LIKE COMMON SENSE - DON'T STICK SHARP OBJECTS IN YOUR EYES, DON'T DRINK POISON, DON'T STAND IN THE MIDDLE OF A BUSY HIGHWAY - GET THE PICTURE NOW ?

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
Power is for punks ! QRP is for the confident !

QRP-L #2112, FPqrp #33, AR QRP #269

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Date: Wed, 26 Mar 2003 04:12:37 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [148150] Re: Cutting a branch
Message-ID: <F1626B29C6NsmN5vnsW0005985a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Scott Rosenfeld [N7JII] (ham@w3eax.umd.edu) opines:

>....what comes up, must come down...

>and you can't always control the latter of the two.

>On Tue, 25 Mar 2003, Rick McKee wrote:

>>1. Do you own a 22 rifle ?

>>

>>2. Are you a good shot ?

>>

>>3. Do you live far enough away from other land owners to safely shoot the
>>limb off ?

Well, now, along these lines, a 0.50 caliber flintlock 'll blow a wicked hole in a tree limb at close range and is about just right according to the specs (limb a bit less than half an inch). Best thing is that the ball will decelerate substantially faster than even a .22. 'course ya gotta wait for the smoke to clear and hope the powder doesn't fall outta the pan and into your face while yer shootin' up.

Brad KG6IOE

Who also takes a fancy to vacuum tubes, slide rules and other antiquated technology

The new MSN 8: advanced junk mail protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Tue, 25 Mar 2003 22:13:52 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>
Cc: "Jerry Parker" <jparker@fix.net>,
"Jack Vaughn" <jvanghn@cswnet.com>, "W6JC" <W6JC@cox-internet.com>,
Subject: [148151] Arkiecon Pre-registration nearing the end
Message-ID: <00da01c2f34e\$203a8560\$149b66a6@jay>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

The title says it all. I do this every year and forget that time is so near. Even if your not planning to come to Arkiecon 2003, but you are toying with the idea, you might want to go ahead and pre-register (see below). Why? Well the biggest reason in the main prized giveaway at the Arkiecon QRP forum.

So here is the deal, by pre-registering you will receive a very nice commemorative badge provided by Jerry Parker, you also get with your Arkiecon badge two tickets for the main prize give away. Now don't fret if you don't pre-register and you decide at the last minute that you are coming. You will still get a ticket just by walking in the door by Miss Kathy! The bottom line is that we want you to come!! We would be honored if you also stayed for the free Barbeque on Saturday Night's Open House. But you will have to fight Doug Hendricks over the beans! The Fort Smith QRP main prize is not to be confused with the hamfest prizes offered from the Fort Smith Area Amateur Radio club.

But remember by pre-registering you get two tickets. By not you get just the single ticket. Now for more rules: You must be a license Amateur Radio operator and you must be present to win. To be clear, you must in the room at the time of the drawing to win. The main prize give away will be right after the last QRP forum just like always. This year that happens to be after Gentleman Jim Cates forum. In fact Jim will be the one pulling the winning ticket. That will be in the early afternoon. As soon as the rooster is set in stone we will post them and we will have handouts at the door.

So what is this year's main prized for Arkiecon 2003? Well it is a TenTec Argonaut V complete with TCX0, hand mic, and power cable.

I have been following all the postings with interest on what is the BEST QRP rig on the planet today? So far all the answers have been wrong :-)

The best QRP rig is the one you have to use or the one you win for free!! I want to see some argue with that! YR George? :-)

In the past we have given away for the main prize the SWL, DSW, K1, K2, and a FT-817 rigs. Guys, they are all nice radios! Every rig has it strengths and weaknesses, so far I haven't been able to find the perfect one, but it is not from lack of trying. Just ask Kathy, no on second thought don't, hihi. The Fort Smith QRP always tries to go full circle on all current available rigs. So what this means is we try to give away a differnent rig every year. So for you doubting Thomas's, sorry Tom, we will have the Argo V hooked up and playing with N4PY software. I am sure there will enough K2s, FT-817s, etc, around for you guys to have a ball and compare with! So if you don't win the Ten Tec Argo V you will learn what to buy or lust for. The TenTec is a very neat, fun, rig to use.

So get pre-registered ASAP by sending Jerry Parker an email today if you haven't already at: jparker@fix.net Jerry needs the time to burn the badges and get them off to me on Saturday so they will get there in time for next weekend's Arkiecon 2003. Time is short don't delay. Below is the list I have from 3/14/2003. Thank you Jerry Paker for doing this again!

Stay tuned, more prize information coming from great clubs like NJQRP and ARCI.

Many thanks and 73 de jay..

KB0AH Larry Hastings

KC0AUU Thomas Bixler

KJ0C Jim

W0CH David Bixler

KC0DX Ed McCarroll

N0EAX Rich Glassner

N0FNZ Nancy Bixler

KA0IQT Jim Johns

KB0ISE John Lucas

KC0PP Keith Arns

N0MQ Gene Sailsbury

W0MQY Joe Porter, PhD,

K0WAB Darrel Swenson

WB4TGB Mark Burton

K5AAR Donald Dorn

WD5AGO Tommy Henderson

KI5AK Curt Furtado

WA5ATW John Samuels

K5ATY Steven Lowrey

KR5C George W. Lee

KC5CDE Patsy Lawson

KJ5CI Bill Schiller

W5CSJ Carol Jackson

AC5DC Ed Rowan

AD5DQ ED HEARN

KC5DSP James Barham

N5DUQ Burl Keeton

WB5EZV Chuck Foley

KB5FCF Joel Beasley

W5JAY Jay Bromley

KC5JBY John Eddleman

K5JHP Bill Pierrard

AE5K Don Jackson

KD5KPI Elizabeth Vines

K5KW Don

KD5NWA Cecil Bayona

KD5OEZ Jan Eddleman

WB5ONE Mark Clayton

K500 Mark Graves

AG5P Walter Dufrain

KD5PBD Derek Bromley

K5PWR Kelsey Mikel

KK5PY Dennis Foster

NQ5R Joy Dufrain

WB5RVJ Randy Broussard

W5SJ Bill Priakos

WN5T Michael Thurman

WQ5T Kathy Bromley

KC5UVN Rex

N5UW Clif Sikes

W5VAF DENNIS SMITH

KB5VWN Deborah Graves

N5WSM Betty B. Newman

AB5XQ Bill Holt

N5WL Bart Lawson

K5YCM Keith M. Newman

WA5YFY J. W. (Dub) Thornton

W5YR George Baker

KI6DS Doug Hendricks

W8DIZ Dieter (DIZ) Gentzow

W8TIF Karl Kanalz

Hannah Vines

Date: Tue, 25 Mar 2003 22:21:15 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Cc: "Jim Duffey" <KK6MC@amsat.org>,
"Clifton Sikes" <cwsikes@worldnet.att.net>
Subject: [148152] ArkieCon's Dynamic Duo "Dr. Mega Cycle and Clifton Sikes
Message-ID: <00db01c2f34f\$25044d00\$149b66a6@jay>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Two weekends away so it's time for me to introduce two more special guest speakers that will be at Arkiecon 2003. Why am I introducing two and not giving them single billing? Well because they will be sharing a forum together. They also have similar interests and enjoy focusing on operating. So it is a natural!

These two fine QRPers are Clifton Sikes and Jim Duffey (Dr. Megacycle). This is a repeat job for Dr. Mega and the first time for Clifton to speak at

Arkiecon. If I remember right they been in attendance at every Arkiecon we have held in the past. I thank them both for that!

Clifton will be speaking on "Operating for Fun". You mean there are some that don't? You maybe surprised at the answer! There is more to Old Clifton than meets the eye. Some of Clifton's past activities have been the "Fox" for QRP-L's Fox Hunt. He currently is a ARRL Field checker for the DXCC program. When Clifton wanted to speed up his CW for better DXing and Foxing what did he do? Well he got on the air with Dub Thornton and got better REAL fast. He has DXCC on 75m and no telling what else. Probably 5 band DXCC, I just can't keep up with him. While some of this was not strictly QRP, it was done using low power (100 watts or less).

This year 160m DXCC interested Clifton so he jump into it just like everything he does, with both feet. I told old Clif not to expect much with such lousy band conditions on 160m, but if he worked real hard and got lucky he might get 30 countries worked before this season was out. Try double that, way to go Clif! I bet he has DXCC on 160m by the end of next year's season.

Clifton has always done things for fun. If he gets a little bored then he moves on to the next challenge. So come hear how he does all this without getting burned out. If you are new to QRP, DX, or Contest operating Clifton is your man to listen and talk to at Arkiecon 2003. If you are wandering around in the doldrums and need some rejuvenation in this fine hobby called Amateur Radio, then you really need come hear Clifton's forum. You will be glad you did! I first met Clifton at Arkiecon a few years ago and we have been friends every since. Clifton is such a super guy to be around and we are so lucky to have him be one of our Arkiecon 2003 QRP guest speakers.

On the same card as Clifton we have Jim "Dr. Megacycle Man" Duffey. Jim needs no introduction here in Fort Smith (or anywhere else for that matter, hi), but for those that are new to the hobby I will do my best. Jim is a physicist by day and a want-a-be antenna guru by night. To be honest I really don't know much about Jim's day job, but anyone monitoring any number of a half a dozen reflectors knows that Jim is pretty good antenna guru. This year Jim will be speaking about "SWR". Now I am pretty sure this acronym doesn't stand for Short Wave Radio, but Standing Wave Ratio, :-). If you don't know much about "SWR" I am sure Jim's part of the forum will give you a better understanding of it. For those that do I am sure Jim will put some doubt in that before it is over with, hi.

Jim also loves to operate so putting Clifton and him together was a no-brainer. Jim can got out on a rock at Four Corners and come up with an antenna that works great in the field with a small QRP rig in tow. I will mention that Jim loves to operate where there is not much ground conductivity. He has a lot of experience at this since he lives in New Mexico.

So look for them both to tag team about antennas, field contesting, and operating. Jim is such a great friend to me, Arkiecon, and QRP, I can't thank him enough for the continual support of the hobby. But I will try-----Thank you Dr. Megacycle!!

More to follow, stay tuned!

73 de jay..

For more information on Arkiecon go to: <http://www.arkiecon.com> and <http://www.fsaarc.org>

Date: Tue, 25 Mar 2003 22:28:56 -0600
From: Rob Matherly <w0jrm@arrl.net>
To: qrp-l@lehigh.edu, fpqrp-l@fpqrp.com
Subject: [148153] OT: Interesting article (long)
Message-ID: <03032522304609.00786@localhost.localdomain>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

High-power microwave (HPM) / E-Bomb

High-power microwave (HPM) sources have been under investigation for several years as potential weapons for a variety of combat, sabotage, and terrorist applications. Due to classification restrictions, details of this work are relatively unknown outside the military community and its contractors. A key point to recognize is the insidious nature of HPM. Due to the gigahertz-band frequencies (4 to 20 GHz) involved, HPM has the capability to penetrate not only radio front-ends, but also the most minute shielding penetrations throughout the equipment. At sufficiently high levels, as discussed, the potential exists for significant damage to devices and circuits. For these reasons, HPM should be of interest to the broad spectrum of EMC practitioners.

Electromagnetic Pulse (EMP) and High Powered Microwave (HMP) Weapons offer a significant capability against electronic equipment susceptible to damage by transient power surges. This weapon generates a very short, intense energy pulse producing a transient surge of thousands of volts that kills semiconductor devices. The conventional EMP and HMP weapons can disable non-shielded electronic devices including practically any modern electronic device within the effective range of the weapon.

The effectiveness of an EMP device is determined by the power generated and the characteristic of the pulse. The shorter pulse wave forms, such as microwaves, are far more effective against electronic equipment and more difficult to harden against. Current efforts focus on converting the energy from an explosive munitions to supply the electromagnetic pulse. This method produces significant levels of directionally focused electromagnetic energy.

Future advances may provide the compactness needed to weaponize the capability in a bomb or missile warhead. Currently, the radius of the weapon is not as great as nuclear EMP effects. Open literature sources indicate that effective radii of hundreds of meters or more are possible. EMP and HPM devices can disable a large variety of military or infrastructure equipment over a relatively broad area. This can be useful for dispersed targets.

A difficulty is determining the appropriate level of energy to achieve the desired effects. This will require detailed knowledge of the target equipment and the environment (walls, buildings). The obvious counter-measure is the shielding or hardening of electronic equipment. Currently, only critical military equipment is hardened e.g., strategic command and control systems. Hardening of existing equipment is difficult and adds significant weight and expense. As a result, a large variety of commercial and military equipment will be susceptible to this type of attack.

The US Navy reportedly used a new class of highly secret, non-nuclear electromagnetic pulse warheads during the opening hours of the Persian Gulf War to disrupt and destroy Iraqi electronics systems. The warheads converted the energy of a conventional explosion into a pulse of radio energy. The effect of the microwave attacks on Iraqi air defense and headquarters was difficult to determine because the effects of the HPM blasts were obscured by continuous jamming, the use of stealthy F-117 aircraft, and the destruction of Iraq's electrical grid. The warheads used during the Gulf War were experimental warheads, not standard weapons deployed with fielded forces.

Col. William G. Heckathorn, commander of the Phillips Research Site and the deputy director of the Directed Energy Directorate of the Air Force Research Laboratory, was presented the Legion of Merit medal during special retirement ceremonies in May 1998. In a citation accompanying the medal, Col. Heckathorn was praised for having provided superior vision, leadership, and direct guidance that resulted in the first high-power microwave weapon prototypes delivered to the warfighter. The citation noted that "Col. Heckathorn united all directed energy development within Army, Navy and Air Force, which resulted in an efficient, focused, warfighter-oriented tri-service research program." In December of 1994 he came to Kirtland to become the director of the Advanced Weapons and Survivability Directorate at the Phillips Laboratory. Last year he became the commander of the Phillips Laboratory while still acting as the director of the Advanced Weapons and Survivability Directorate.

As with a conventional munition, a microwave munition is a "single shot" munition

that has a similar blast and fragmentation radius. However, while the explosion produces a blast, the primary mission is to generate the energy that powers the microwave device. Thus, for a microwave munition, the primary kill mechanism is the microwave energy, which greatly increases the radius and the footprint by, in some cases, several orders of magnitude. For example, a 2000-pound microwave munition will have a minimum radius of approximately 200 meters, or footprint of approximately 126,000 square meters.

Studies have examined the incorporation of a high power microwave weapon into the weapons bay of a conceptual uninhabited combat aerial vehicle. The CONOPS, electromagnetic compatibility and hardening (to avoid a self-kill), power requirements and potential power supplies, and antenna characteristics have been analyzed. Extensive simulations of potential antennas have been performed. The simulations examined the influence of the aircraft structure on the antenna patterns and the levels of leakage through apertures in the weapons bay. Other investigations examined issues concerning the electromagnetic shielding effectiveness of composite aircraft structures.

Collateral damage from E-bombs is dependent on the size and design of the specific bomb. An E-bomb that utilizes explosive power to obtain its damaging microwaves will result in typical blast and shrapnel damage. Ideally, an E-Bomb would be designed to minimize and dissipate most of the mechanical collateral damage. Human exposure to microwave radiation is hazardous within several meters of the epicenter. However, there is a relatively low risk of bodily damage at further distances.

Any non-military electronics within range of the E-bomb that have not been protected have a high probability of being damaged or destroyed. The best way to defend against E-bomb attack is to destroy the platform or delivery vehicle in which the E-bomb resides. Another method of protection is to keep all essential electronics within an electrically conductive enclosure, called a Faraday cage. This prevents the damaging electromagnetic field from interacting with vital equipment. The problem with Faraday cages is that most vital equipment needs to be in contact with the outside world. This contact point can allow the electromagnetic field to enter the cage, which ultimately renders the enclosure useless. There are ways to protect against these Faraday cage flaws, but the fact remains that this is a dangerous weakpoint. In most circumstances E-bombs are categorized as 'non-lethal weapons' because of the minimal collateral damage they create. The E-bomb's 'non-lethal' categorization gives military commanders more politically-friendly options to choose from.

Obligatory QRP content - make sure the lid on your altoids rig is closed :^)))

--

72/73/00

Rob, w0jrm

<http://members.iowasocean.com/jimrob>

Date: Wed, 26 Mar 2003 00:10:16 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [148154] Re: Cone of Protection?
Message-ID: <20030325233502.I84852-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have what you might call Personal Data related to the "Cone of Protection"

Last year we sustained a "Direct Hit" to the 65+ Foot Oak Tree (Pin Oak) that is right on the property line between my neighbor and I. Actually it is on his side, but I have had "Air Rights" since before his house was built. :^} Never the less, I did in fact also have his permission to use it to support my full wave 80 meter horizontaql loop. It happens that it is also the feed point corner (S.W. Corner). The Coax was not connected in the shack. Neither was it Grounded! I also had another unused spare coax from the shack up along the downspout and then up into another 65 foot tree. that was the spare for the 40 Meter Vertical loop out in the back inside of the 80M H. Loop. There was also a 15M and 40M Dipole out back.

(Once upon a time there were 14 Active Antenna in the back yard trees).
Actually 13 and a 5BTV on the Ground with buried Coax and Radials.
Yes, they were installed before the other houses arrived. :^}

Bear in mind that I have another HAM living about 200 Feet from me. He has a 100 Foot Commercial Tower with Beams to Die for :^} I did work him on HF once, but he is more active on VHF/UHF.

All my friends used to think that I lived there, I wish. Any way, We have always kidded about him providing The Cone of Protection for my QRP Wire Farm. (The Spiders Web :^} I guess the Statistics finally caught up with us last year. (22 Years). Actually, I don't blame the "Cone of Protection" as a Failure. My guess is that We are actually outside the 30 degree cone of protection area.

The Hit Utterly Destroyed the SW Antenna Tower, the Secondary Runner Took out about half of my tree and Vaporized the Coax and Lots of #14 Antenna Wire. It also fires a couple of holes in the gutter, Arc Welding.

It zapped nearly everything electronic in the neighbors house. It charred the heck out of the chain link fence. The XYL was having dinner about five feet from the Patio Window with the Action right there on that corner of the house. She arrived downstairs in a flash, to see it I was alive or not. I had been reading at the office desk and started to doze off when I Heard the Thunder and Shaking of the house. I looked up to see Corona

coming out of the light fixture. I too thought that I had just bought the farm. :^}

Mych to my surprise, Almost everything was intact. The Ground Wire from my single point ground in the radio room was still barely intact outside. It appears that The Induced Voltages in the house Electrical Ground caused most problems.

I had Hi quality Surge Protection on most every TV, etc. My son Had His company laptop in an unprotected outlet. I literally blew the Power supply.

It also zapped the Modem in my Laptop. I hate to tel about that one as I have been in the Phone Business over 36 years. :^} Yep, Induced thru the phone line. Now you know why they sell those little things for the modem as well.

So, Other than getting a few years scared away, we didn't fare all that badly.

Would I like to experience that again. NO WAY!

So, While the Cone of Protection may or may not exist, and I believe that it does, It is still a good idea to take other precautionary measures.

Those Surge Protectors really work. Can you stop Lightening? Only if you are GOD! Hopefully, we can do some things to make it detour or at least lessen it's effects.

Proper Grounding is probably Number One. Funny, thing. I never had the antennas disconnected before and never had a problem. The one year that I am kind of inactive and have a few antennas disconnecte. ZAP! BOOM!

Yes, that is the proper Order. Remember if you hear the boom, you are still alive. :^}

No, I did not make up the story. Both houses still have Bark Shrapnel damage to the siding to prove it.

Gee, I miss that big tree...

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.

Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.

RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.

Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Wed, 26 Mar 2003 01:09:37 -0500 (EST)
From: George Gingell <k3tk@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [148155] Re: Trimming Limbs for the Antenna Farm
Message-ID: <20030326001710.S84852-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

O.K. That may not have been the exact subject line, but close enough.

Alex, KR1ST asked about trimming a branch at around 55 Feet.

Now we enter an area of real experience. I have quite a number of Pin Oaks
in the back yard most of which are 65 feet or better. When I first moved
here in 1981, there were trees as far as you could see behind my house.

That all changed over the years with development, but I still have a few
wire antennas in the back yard.

I have used all methods to get those wires and feeders in them tree tops.

Everything from Kites, Balloons, and Rockets to Rocks, Bricks and
Compound Bows with Special Arrows.

Yes, We even trimmed a few limbs with Shotgun and Rifle. O.K. that was way
back then. :^}

I also had a Great Wall of Calverton Woods in the back. 75 feet by 8 Foot High Oak Wall of Firewood. But that is another story.

I won't go into all of the details of how to get those wires and things up into the tree tops tonight.

I will try to give a little information on some of the tools that may work for you.

I might add at the start that there is one other method that definately works, althought it is usually the last resort. Hire a Tree Man. If you plan carefully and wait for the right time of the year, you can get it done fairly cheap. Did I mention that my Ham Neighbor is also an Official in the Local Fire Department? How do you think he got those antennas in his trees? No, Not the tower or beams, He paid a professional to do those with a Big Portable Crane. The Verticals mounted in a few trees were put there by the local Fire Department on a Weekend Training Drill. Hey, they have to get practice putting up that big airel ladder, might as well do something practical while they are at it. Can you get the cat to climb the tree? :^}

O.K. that is for the big limbs. The best tool that I have found so far for the 1" to 6" limbs is a "HI Limb Pro Chain Saw". It is available from Harbor Freight for \$ 39.99 # 32924-1AZA, it has a 48" chain saw blade with two 25 feet pull lines. Poly Rope about 1/4" with cloth handles on the ends. There is also a Safety Weight (Bean Bag) for launching one end of the rope over the limb. There is a weight on one end of the cutting chain which hangs down, keeping the cutting edge of the chain against the limb.

I found it helpful to tape a 16 Oz Water Bottle to this metal appendage. This is quite helpful when trying to work above 25 feet level.

I also have a 200 Foot (Well it was 200 feet when new:^}) half inch Poly rope. I use a bow and arrow with a 50 foot #80 Nylon Fishing line and 1 oz. Sinkers to get the 1/2" Rope over the highest limb, Then I tie on the HI LIMB Saw and haul it up into position. It works best if you have a helper for the other end of the rope. No Helper, Plan B. Add a Clothes line Pully and a short line to tie it to the fence. The 1/2 inch takes a triangle path over the limb and thru the fence pully and across the ground to your SAFE SPOT. DO NOT BE UNDER THE BRANCH. Have you ever seen a six inch diameter oak branch hit the ground from 55 feet? Once you do, you will understand. Make that an 8 inch diameter branch about 15 or so feet long and you will really understand.

I recall the first time that I had to drop one of those 65 footers out back. It made a 6 inch impression in the ground when it hit. Take an 18 inch slice of the green oak and lift it. you will get the idea.

Others have mentioned a couple of other tools. The PVC Saw is generally too short and not coarse enough for the live tree limbs. It works by friction mostly. There is a Campers Wire Saw that is a bit more coarse and quite useable. The problem is when it gets stuck at 55 feet, how are you going to break it free? Yep, been there done that.

Harbor freight offeres a Campers Pocket Saw with a 28" blade and Pvc handles. Stock number 47053-OAZA priced at \$ 14.99 I don't have this one. Yet.

Want to save money, You can try using a regular Chain Saw Chain with some 1" Key Rings thru the ends and a 16 oz water bottle attached for the anti flip weight. Just add that 200 foot Poly Rope with Dog Chain Fasteners on the ends. Or just a loop and some gloves for your hands.

I keep eyeing those McCulloch MS1015 Electric Chain Saws on a Pole. Harbor Freight # 47176-1AZH at \$ 79.99 Reconditioned or \$ 99.99 New. Actually I saw a better version at COSTCO for \$ 70.00 recently. NEW in the box. They also have a dandy 100 FT Green Extension Cord for \$ 20.00 which includes a handy short three outlet adapter cord.

I was thinking of suspending the Electric Trimmer from a 1/2 inch rope in the tree top and lowering the cutting end into position and energizing the lower end of the power cord. Maybe a foot switch in a box. Or just hire an assistant (XYL) at the power outlet switch.

A few bricks or a jug of water as a counterweight on the control rope.

O.K. that's all the secrets for tonight. Good grief, I got another year older while writing this tonight. :^}

Hope to see some of you on Friday & Saturday at Atlanticon 2003. George's Birthday Bash. :^}

GN es GL

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
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Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Tue, 25 Mar 2003 23:10:58 -0700
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: <sergio@village-buzz.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148156] Re: propagation software...
Message-ID: <000b01c2f35e\$784b2060\$6401a8c0@HOMEM79HT6C65K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, I'd commend to you W6EL Prop - you can download it free from this URL:
<http://www.qsl.net/w6elprop/>

Best regards,
Karl B. Staddon VE6KBS Calgary, AB Canada
A Winlink 2000 PMBO station operator - www.winlink.org

----- Original Message -----
From: "sergio" <sergio@village-buzz.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, March 25, 2003 4:22 PM
Subject: propagation software...

does anyone have any recommendations for propagation software?

peace,
sergio
www.village-buzz.com - "the village buzz"
www.mp3.com/village_buzz - "the rock n roll, baby!"
www.coffee-black.com - rock photo!
phone ... 419 606 0557
to subscribe to The Village Buzz, send a blank email to:
VB-Announce-subscribe@yahoogroups.com
www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!

Date: Wed, 26 Mar 2003 08:16:35 -0000
From: "trickie@speed-mail.co.uk" <dick@trickie.com>
To: <qrp-1@Lehigh.EDU>
Cc: <GQRP@yahoogroups.com>
Message-ID: <003a01c2f370\$05e18e30\$44380751@main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys,

I have just added the history of Altoids to my book
and to my amazement can't find any of the things I have built.
(new shack being built - all packed away)

Anyone got a photo I could use of the tin with something in it.

thanks

Dick Pascoe G0BPS
Vice President QRP-ARCI.
SSB & Data manager G-QRP Club

Dick Pascoe G0BPS
Vice President QRP-ARCI.
SSB & Data manager G-QRP Club

Do you Yahoo? My Messenger ID is G0BPS

All mail from me is checked by Norton
before posting and is (hopefully) Virus Free.

Date: Wed, 26 Mar 2003 02:16:59 -0800 (PST)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [148158] need Washington DC
Message-ID: <20030326101659.52751.qmail@web11606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

A new ham friend is desperate to work Washington DC.
He's worked all 50 states and wants DC. He's been
trying for the last month. Will sked any evening on 80
meter CW between 3675 and 3725 Khz. Drop me a note if
you can do it, and I'll pass along the info to him.
His call is KB1IFJ. Thanks. Jim w1pid@arrl.net

Do you Yahoo!?
Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
<http://platinum.yahoo.com>

Date: Wed, 26 Mar 2003 06:22:06 -0800
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <jaevals@mail.codenet.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148159] Re: SMA connectors and cables, etc.
Message-ID: <001301c2f3a3\$1456d910\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Belated board interconnect connector comments--

Brad Thompson, AA1IP has some SMBs for as low as \$1 and 50 cents each in his
surplus parts bulletin. You may have to pull 'em off a board. How does SMB
compare to SMA? I don't know. Email him at brad.thompson@valley.net for
his list of stuff.

The type F (CATV) sounds good and cheap. Finding solid center conductor 50

ohm coax that'll fit the plugs might be tough, though. RCAs also seem like a good solution for RF, despite some irrational fears of the plastic dielectric.

For HF and short distances, maybe even a twisted pair and a two-pin header would do OK.

72--Nick, WA5BDU

----- Original Message -----

From: "John_Evans" <jaevans@mail.codenet.net>

> Greetings,

>

> Just wanted to followup on my search for reasonable SMA connectors.

>

Date: Wed, 26 Mar 2003 08:10:33 -0500 (Eastern Standard Time)

From: W2AGN <w2agn@w2agn.net>

To: w0jrm@arrl.net, qrp-1@Lehigh.EDU

Subject: [148160] Re: OT: Interesting article (long)

Message-ID: <3E81A6C9.000001.85247@w2agn>

MIME-version: 1.0

Content-type: Text/Plain

Content-transfer-encoding: 7BIT

There he goes, giving those Pesky Texans more ideas!

+---+---+---+ John L. Sielke

|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]

+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

High-power microwave (HPM) / E-Bomb

.

Date: Wed, 26 Mar 2003 13:43:04 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148161] Re: SMA connectors and cables, etc.
Message-ID: <DAV55H5c9KykBADnny300006a7e@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 26, 2003 2:22 PM
Subject: Re: SMA connectors and cables, etc.

> Belated board interconnect connector comments--
>
> Brad Thompson, AA1IP has some SMBs for as low as \$1 and 50 cents each in
his
> surplus parts bulletin. You may have to pull 'em off a board. How does
SMB
> compare to SMA? I don't know. Email him at brad.thompson@valley.net for
> his list of stuff.

SMB are smaller and push on, rather than screw. I prefer them to SMA.

Leon
--
Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Wed, 26 Mar 2003 07:01:09 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148162] Re: Comparison Argonaut V and FT-817

Message-ID: <Pine.LNX.4.44.0303260645390.1481-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Guys, the Collins 500 Hz CW filter cost me \$129.00 from a place in Alabama. It's a good filter and I have it plotted out on my web page at www.zianet.com/k5di and click on the FT-817.

So to compare cost the FT-817 with filter is \$730.00. If you talk about 6 and 2 meters that you don't find in the Argo V the comparison favors the FT-817.

As for the K2, I do not see that listed in the comparison.

On Tue, 25 Mar 2003, George, W5YR wrote:

> Mark, an 817 without the expensive 500 Hz CW filter will have a very tough
> time competing with the plain base kit K2 on CW. So, isn't that about
> another \$300 for that Collins filter?
>
> The numbers tell me that for a CW rig, the K2 is both cheaper and a better
> performer than the 817 when attention is limited to HF CW.
>
> 73/72, George
> Amateur Radio W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
> "In the 57th year and it just keeps getting better!"
> <mailto:w5yr@att.net>
>
>
>
>
> ----- Original Message -----
> From: "Mark Andrews" <KE4IOF@KE4IOF.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, March 25, 2003 8:15 AM
> Subject: Re: Comparison Argonaut V and FT-817
>
>
> > Ok, let's do a little price comparison. This is only a price comparison of
> > the 516, 817 and K2 with similar features. This is not a performance
> > comparison, ONLY a price comparison.
> >
> > K2: (from factory)

```

> > Base Kit          $599.00
> > SSB Opt.         $89.00
> > 160M Opt.        $35.00
> > RS232 Intf.      $89.00
> > Total:           $812.00
> >
> > 817: (from Gigaparts)
> > Base Radio    $589.00 (No additional add-ons required to match the K2
> > above)
> >
> > 516: (from factory)
> > Base Radio    $795.00 (No additional add-ons required to match the K2
> > above)
> >
> > When configured with similar options, the K2 is NOT cheaper than the other
> > two. I am not advocating one radio over the other.
> >
> > On top of this, the 817 has several features that put raises its value,
> > like
> > 6 meter, 2 meter and 440 operations as well as it is all mode including AM
> > and FM operation.
> >
> > The 516, while not operating in the VHF/UHF frequencies, does offer all
> > mode
> > operation as well and produces 20 watts output.
> >
> > While I have never operated a K2 (or a 516 for that matter), based upon
> > the
> > praise it has received on this list and elsewhere I am sure it is a superb
> > rig, and I may add one to my collection soon. However in terms of value
> > (features/price) it lags somewhat behind the 516 and far behind the 817.
> >
> >
> >
> > Mark, KE4IOF
> > -----
> > Mark A. Andrews
> >
> > "You can't reason a person out of a position that the
> > person wasn't reasoned into in the first place"
> >
> > ----- Original Message -----
> > From: "Bill Coleman" <aa4lr@arrl.net>
> >
> > >
> > > The 817 is a portable rig, the 516 is made for the
> > > shack and maybe mobile, and the K2 is a kit and out of
> > > the price class of the other two.

```

> > >
> > > Gosh, you're right. The K2 performs better, and it is cheaper!
> > >
> >
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 26 Mar 2003 08:16:58 -0600
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [148163] Four State QRP Group Wednesday Warble
Message-ID: <000201c2f3a2\$5caeb440\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang:

The Four State QRP Group will have our Wednesday Warble tonight at 9 PM central time. Look for us on or near to 3580.5 KHz on PSK-31 mode. All QRP'ers within range are invited to drop in and say howdy.

Conditions on 80 meters are returning to summer-time with higher QRN levels lately. Let's hope that the noise is low tonight.

72, Dave

David Bixler W0CH
Seneca, Missouri

QRP: Little radios, Big Fun!

QRP Web Site: <http://w0ch.com>
Four State QRP Group: <http://w0ch.com/fsqrp>

Date: Wed, 26 Mar 2003 10:06:45 -0500

From: Jerry Lofstead <w3cde@bellsouth.net>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148164] Re: Comparison Argonaut V and FT-817
Message-ID: <3E81C205.513E4EE@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The 300 Hz filter that I have was \$100....

The other BIG advantage for the FT817 is the SUPER audio quality!! Put it on a "real speaker system" and be wowed! 8-) I hooked mine up to a duct ported enclosure with a 12", 6" and 2" tweeter speakers in it and it was the surprise of my life. FM almost as good as the expensive audio system I have and on AM BCB and SW Broadcast it has really great audio. I guess you have to choose what you want from life.

To those who need to have the last 2Db of sensitivity, well... If you can hear them and they can not hear you, it doesn't make that much difference, does it ?? 8-). A well matched receiver and transmitter is what you need. i.e. just because you run 1500 Watts does not mean you will be able to hear as far as you can transmit, and the same thing in the other direction with a super receiver and 5 watts...

Think about it..

Jerry
W3CDE
Atlanta, GA (Where Spring has Sprung!)

"George, W5YR" wrote:

>
> Mark, an 817 without the expensive 500 Hz CW filter will have a very tough
> time competing with the plain base kit K2 on CW. So, isn't that about
> another \$300 for that Collins filter?
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> Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
> "In the 57th year and it just keeps getting better!"
> <mailto:w5yr@att.net>
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> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, March 25, 2003 8:15 AM
> Subject: Re: Comparison Argonaut V and FT-817
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> > 6 meter, 2 meter and 440 operations as well as it is all mode including AM
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> > Mark A. Andrews
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> > From: "Bill Coleman" <aa4lr@arrl.net>
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> > >
> > >Gosh, you're right. The K2 performs better, and it is cheaper!
> > >
> >

Date: Wed, 26 Mar 2003 09:18:18 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>
Subject: [148165] Announcing the "QRP-Canada Parallel Run"
Message-ID: <Pine.LNX.4.33.0303260916410.27992-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Over the last 2 years there's been a fair amount of discussion on QRP-Canada about levelling the playing field in the QRP Category of the RAC Summer & Winter contests.

The problem was that no one stepped forward to volunteer for the big job; and a big job it will be.

During the recent fund-raising project for the RAC QRP plaques, which QRP-Canada sponsors with the help of hams on both sides of the border, Ted King, VE3FUL, brought the "level field" subject up again wishing it could happen.

Well this got the discussion going again and Bob Nash, VE3KZ, who writes the TCA Contest column, in an e-mail to QRP-Canada, also expressed his positive thoughts about trying a level field effort in the RAC QRP category. Bob thought it would be a good idea for QRP-Canada to attempt

to run a more level playing field contest in "parallel" with the RAC Summer & Winter contests in the QRP category.

So I went looking around, beat the bushes and found a sucker...err...
...volunteer who looks an awful lot like me!... ;-)

So here we go...this will be a very simple set up to start with because as Bob, VE3KZ, pointed out, when it comes to categories, if one wanted to cover every possible combination the number comes out around 96 possible combos!...so stay tuned for my next posting which will outline the details of our "QRP-Canada Parallel Run"...maybe someone will have a better name for this event?...

...there will be a category for DX stations (non Canadian & USA) in order to encourage their participation and to show QRP-Canada does not think of DX stations as just a QRP-C number but as important members of the list who we'd love to work on the air...

...the categories main aim will be to recognize those operators who like to specialize in certain areas of qrp operating and of course to have a more level playing field...

...initially, this is a QRP-Canada project, created by QRP-Canada members and run by QRP-Canada members...depending on how things go, this might change in the future...but first of all we have to create it and then do it!...I have the feeling it will be a lot of fun and very satisfying for QRPers!!

...feedback, as always, is welcome....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 26 Mar 2003 10:44:00 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148166] Thank you! Re: Cutting a branch
Message-ID: <3E81CAC0.F474A125@amsat.org>
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

Thank you all so much for your ideas on how to get that branch cut! The response has been overwhelming. Usually I make it a point to reply to each person individually, but I think that's virtually impossible this time. You are all very resourceful, that's for sure!

Again, thank you very much all these great ideas!

73,
--Alex KR1ST

Date: Wed, 26 Mar 2003 10:44:04 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <qrp-1@lehigh.edu>
Subject: [148167] RE: propagation software...
Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFC8C9@kosh.ARRLHQ.ORG>
Content-Class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I use the HFWIN32 suite of programs. I love the ability to either =
predict signal strength vs frequency vs time of day or the ability to =
plot my signal onto a world map, with my antenna pattern included!

http://elbert.its.bldrdoc.gov/pc_hf/hfwin32.html

And the price is right!=20

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by =
membership dues, individual contributions and the sale of publications =

and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----

> From: Karl B. Staddon [mailto:ve6kbs@agt.net]

> Sent: Wednesday, March 26, 2003 1:11 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: propagation software...

>=20

>=20

> Yes, I'd commend to you W6EL Prop - you can download it free=20

> from this URL:

> <http://www.qsl.net/w6elprop/>

>=20

> Best regards,

> Karl B. Staddon VE6KBS Calgary, AB Canada

> A Winlink 2000 PMBO station operator - www.winlink.org

>=20

> ----- Original Message -----=20

> From: "sergio" <sergio@village-buzz.com>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Tuesday, March 25, 2003 4:22 PM

> Subject: propagation software...

>=20

>=20

>=20

> does anyone have any recommendations for propagation software?

>=20

>=20

> ---

> peace,

> sergio

> www.village-buzz.com - "the village buzz"

> www.mp3.com/village_buzz - "the rock n roll, baby!"

> www.coffee-black.com - rock photo!

> phone ... 419 606 0557

> to subscribe to The Village Buzz, send a blank email to:

> VB-Announce-subscribe@yahooogroups.com

> www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!

>=20

>=20

>=20

>=20

Date: Wed, 26 Mar 2003 10:46:30 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <qrp-1@lehigh.edu>
Subject: [148168] RE: "New" Oscilloscope
Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFC8CA@kosh.ARRLHQ.ORG>
Content-Class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

If you want to figure out some of what you can do with it, see:

Some Basics For Equipment Servicing--Part 4
Article: <http://www.arrl.org/tis/info/pdf/8203040.pdf> (2,871,750 bytes)

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: AA3BP@aol.com [mailto:AA3BP@aol.com]

> Sent: Tuesday, March 25, 2003 7:53 PM

> To: Low Power Amateur Radio Discussion

> Subject: FS: "New" Oscilloscope

>=20

>=20

> OK, here's the deal. I am offerring for sale my=20

> used-only-once (really!)=20

> Protek Model P-3502C, 20MHz Dual Trace Oscilloscope. Price:=20

> \$200 plus=20

> shipping from Zip 17055.

>=20

> I purchased this scope 4-5 years ago only to discover that I=20

> wasn't smart=20

> enough to figure out how to use it! (I am an avid QRP=20
> homebrewer, but don't=20
> get along with theory!)=20
>=20
> It was turned on only once and played with for about 30 minutes. I=20
> successfully tested some components and the lines and circles=20
> appeared on the=20
> screen just like the book said they should. Been sitting on=20
> a table in my=20
> living room every since. XYL not happy; either I or the=20
> scope must go.=20
>=20
> This scope is complete with probes, manual, and all else that=20
> came with it. =20
> I'll even throw in a couple books I bought on the subject.
>=20
> Please contact me by direct e-mail (not through the list). I=20
> can provide=20
> additional specs if desired. Be assured that this item is exactly as=20
> described. I think I even have the original shipping box.
>=20
> 73,
>=20
> Jim, AA3BP
> Mechanicsburg, PA
>=20

Date: Wed, 26 Mar 2003 08:43:44 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: Greg & Betty Farkas <ak7y@cybertrails.com>
Cc: elecraft@mailman.qth.net, QRP-L <qrp-l@lehigh.edu>,
GQRP <gqrp@groups1.vip.scd.yahoo.com>
Subject: [148169] Re: elecraft list question
Message-ID: <3E81D8C0.5000700@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi Greg - It is still there. Follow the link called:

"Elecraft Daily List archives (2002, 2003+) Searchable, in web format"

on our email list page at <http://www.elecraft.com/elist.html>

The direct link to the archive is:

<http://www.ac6rm.net/mailarchive/html/elecraft-list/>

This is a new, searchable, archive created for us by Martin, AC6RM. You can still read the daily postings there listed by date or thread, and you can also search the complete archive by keyword.

73, Eric WA6HHQ

====

Greg & Betty Farkas wrote:

> Hi Eric:

>

> I note that the current (2003) Elecraft elist archives no longer are listed.

> Not interested in the old archives or the searchable archives. This was my

> favorite way of reading the elist! Please tell me that it will reappear!

>

> A pleasure working you during the EQP!

> 72/73,

> Greg Farkas, AK7Y

> Alpine, AZ

Date: Wed, 26 Mar 2003 10:44:54 -0800

From: "Jay Bromley" <w5jay@alltel.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Cc: "kelsey Mikel" <k5pwr@hotmail.com>

Subject: [148170] Arkiecon 2003 update pre-registration list.

Message-ID: <002101c2f3c7\$cb30a700\$e0a0fea9@ibm30528>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Gang,

Jerry Parker does such a great job for us! Here is the latest and greatest Arkiecon 2003 pre-registration list. To pre-register send Jerry an email at: jparker@fix.net

Many thanks and 73 de jay..

More Arkiecon info at: <http://www.arkiecon.com/> and <http://www.fsaarc.org>

NN1G Dave Benson

KB0AH Larry Hastings

W0AJM Anna Monton

KC0AUU Thomas Bixler

KJ0C Jim Crooke

W0CH David Bixler

KC0DX Ed McCarroll

N0EAX Rich Glassner

N0FNZ Nancy Bixler

W0IE Henry Monton

KC0IFQ Dennis Gaskill

KA0IQT Jim Johns

KB0ISE John Lucas

K0LOA Dwain Lowhan

KC0PP Keith Arns

N0MQ Gene Sailsbury

W0MQY Joe Porter, PhD

W0PWE Jerry Hall

K0WAB Darrel Swenson

WB4TGB Mark Burton

WB0TVK Bill McCane

K5AAR Donald Dorn

WD5AG0 Tommy Henderson

KI5AK Curt Furtado

WA5ATW John Samuels

K5ATY Steven Lowrey

WA5BDU Nick Kennedy

KR5C George W. Lee

KC5CDE Patsy Lawson

KJ5CI Bill Schiller

W5CSJ Carol Jackson

AC5DC Ed Rowan

K5DKH Willie Martin

AD5DQ ED HEARN

KC5DSP James Barham

N5DUQ Burl Keeton

WB5EZV Chuck Foley

KB5FCF Joel Beasley

W5JAY Jay Bromley

KC5JBY John Eddleman

W5HNS Henry Schneider

K5JHP Bill Pierrard

WB5JNC Al Gulseth

AE5K Don Jackson

KD5KPI Elizabeth Vines

KD5KPM Chris Mikel

K5KW Don Foster

KE5MY Mark Fields

AD5NF Don Brooks

W5NF Ben Lockerd
KD5NWA Cecil Bayona
KD50EZ Jan Eddleman
K50I Tim Pettibone
WB50NE Mark Clayton
K500 Mark Graves
AG5P Walter Dufrain
KD5PBD Derek Bromley
K5PWR Kelsey Mikel
KK5PY Dennis Foster
NQ5R Joy Dufrain
WB5RVJ Randy Broussard
W5SJ Bill Priakos
WN5T Michael Thurman
WQ5T Kathy Bromley
W5USJ Chuck Carpenter
KC5UVN Rex
N5UXM Jackie Brooks
N5UW Clif Sikes
W5VAF DENNIS SMITH
KB5VWN Deborah Graves
N5WSM Betty B. Newman
W05X Keith Pipkins
AB5XQ Bill Holt

N5WL Bart Lawson

N5XM Richard Donovan

K5YCM Keith M. Newman

WA5YFY J. W. (Dub) Thornton

W5YR George Baker

KI6DS Doug Hendricks

WA6GER Jim Cates

W6JC George Campbell

N6LIF Martin Reynolds

KK6MC Jim Duffey (Dr. Megacycle)

W8DIZ Dieter (DIZ) Gentzow

W8TIF Karl Kanalz

Margie Carpenter

Annett Pagan

Hannah Vines

Date: Wed, 26 Mar 2003 12:19:34 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [148171] At Last!--K0EVZ FOX Log
Message-ID: <4120033326181934697@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

At long last, here is my log for last
Thursday's FOX hunt. No reason for the

delay--I just neglected to take care of it. Been running here and there, looking for a job. Anyway, please check it over for any errors. If any are detected, please let me know.

0208	NQ7X	559	AZ	Floyd	5w
0208	W0CH	599	MO	Dave	5w
0209	WA9TZE	559	WI	Jim	5w
0210	N9NE	559	WI	Todd	5w
0211	K5JHP	559	TX	Bill	5w
0211	N2WW	559	CO	Larry	5w
0212	K3ESE	559	MD	Lloyd	5w
0212	N9AW	579	WI	Jerry	5w
0213	W9XU	559	WI	Lon	5w
0214	N6LIF	559	TX	Martin	5w
0215	N0TK	559	CO	Dan	5w
0216	N1FN	559	CO	ET	5w
0217	W5TB	559	TX	Doc	5w
0217	KR5C	559	TX	George	5w
0218	WA8BXN	559	OH	Mike	5w
0220	N5ZE	559	TX	Lew	5w
0221	K5ZTY	559	TX	Bill	5w
0222	N4ROA	559	VA	Dan	5w
0223	W7KXB	559	AZ	Bill	5w
0224	K0FRP	579	CO	Al	5w
0225	AC5JH	559	OK	Tom	5w
0226	W5USJ	559	TX	Chuck	5w
0226	K9DC	559	IN	Dave	5w
0227	K5DW	559	TX	Don	5w
0228	AB9CA	559	AL	Dave	5w
0229	W5YR	559	TX	George	5w
0230	N3BJ	559	VA	Alan	5w
0230	K5DI	579	NM	Karl	5w
0232	K5SR	559	TX	Dale	5w
0233	KK5LD	599	TX	Jim	5w
0234	K7TQ	559	ID	Randy	5w
0235	K5EOA	559	LA	Wayne	5w
0235	AA50	559	LA	Vern	5w
0236	K3PH	559	PA	Bob	5w
0237	WA8NTA	559	CO	Dick	5w

0238	K2ZN	559	NY	Al	5w
0238	NN5E	559	TX	Vern	5w
0239	KB9YIG	559	IN	Tony	5w
0240	KK5NA	559	TX	Joe	5w
0242	W8YMO	559	OH	Harry	5w
0243	K50I	559	OK	Tim	5w
0244	AE4TC	559	VA	Scott	5w
0246	WD9F	559	IL	Woody	5w
0247	KC2CK	559	NY	Don	5w
0248	KK5LD	559	TX	Dean	5w
0250	KG6CYN	559	CA	Trev	5w
0251	K4TJD	559	GA	Tom	5w
0254	WW7Y	559	UT	Steve	5w
0254	KJ0C	559	MO	Jim	5w
0257	KB7WW	559	OR	Art	5w
0259	AF4LQ	559	KY	Mike	5w
0300	N1TP	559	FL	Tom	5w
0301	AC7A	579	AZ	Tom	5w
0302	K6MOC	559	CA	Mike	5w
0303	AD6JV	559	VA	Bill	5w
0304	K4FB	559	FL	Paul	5w
0306	W2AGN	559	NJ	John	5w
0307	KR0U	579	CO	Tim	5w
0309	K4YF	559	NC	Ed	5w
0311	KD5CMN	559	TX	Mike	5w
0312	NK6A	559	CA	Don	5w
0313	AJ4AY	559	CL	Jay	5w
0313	K5AIC/4	559	TN	Herb	5w
0315	NV4V	559	KY	Pete	5w
0315	K3PH	559	PA	Bob	5w
0316	KI0II	559	CO	Ron	5w
0317	W3DCG	569	GA	Daren	5w
0318	K5DH	599	TX	Dean	5w
0319	KE6RS	559	CA	Ron	5w
0320	K5PSH	559	TX	Jerry	5w
0322	N00R	599	CO	Jim	4w
0323	N5IB	559	LA	Jim	5w
0324	WS4S	559	TN	Conard	5w
0326	W8SFF	559	MI	Steve	5w
0323	W3SO	559	MD	Marty	5w

0331	VE6JAZ	449	AB	Rob	5w
0332	W2BN	559	FL	Fred	5w
0333	KC9LC	559	VA	Randy	5w
0335	W3SMK	559	NY	Steve	5w
0337	KC1FB	559	CT	Jim	5w
0340	WB8WTU	559	OH	Dennis	5w
0341	W9UQB/7	559	AZ	Dave	5w
0343	AK7D	559	OR	Fred	5w
0350	AG0T	559	ND	Todd	5w (notice short band!)
0355	N6CQR	FOX			
0355	K0EVZ	FOX			

Setup here was a K2 at 5 watts to a 560' horizontal loop up 33'.

Sure tried to work everybody, but there were a couple/three I simply could not dig out. Sorry for any I missed.

73,
--Doc/K0EVZ

Date: Wed, 26 Mar 2003 10:21:26 -0800
 From: "DTX" <dtx@wood.tzo.com>
 To: <qrp-1@lehigh.edu>
 Subject: [148172] Re: SMA connectors and cables, etc.
 Message-ID: <004f01c2f3c4\$83858360\$0c00a8c0@home>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="Windows-1252"
 Content-Transfer-Encoding: 7bit

You are correct about the difference, Leon. But for running around inside cases, where both ends are mechanically fixed and no way for strain to be placed on the ends, they will work very well. And a pair of needlenose pliers will let you put them on and off in places fingers can't tighten the nut in the SMA.

As with many other things, there is no one best or who would be using anything else, right <G>?

Gary WA6DTX

----- Original Message -----

From: "Leon Heller" <leon_heller@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, March 26, 2003 5:43 AM

Subject: Re: SMA connectors and cables, etc.

>

> ----- Original Message -----

> From: "Nick Kennedy" <nkennedy@tcainternet.com>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Wednesday, March 26, 2003 2:22 PM

> Subject: Re: SMA connectors and cables, etc.

>

>

> > Belated board interconnect connector comments--

> >

> > Brad Thompson, AA1IP has some SMBs for as low as \$1 and 50 cents each in his

> > surplus parts bulletin. You may have to pull 'em off a board. How does SMB

> > compare to SMA? I don't know. Email him at brad.thompson@valley.net for

> > his list of stuff.

>

> SMB are smaller and push on, rather than screw. I prefer them to SMA.

>

> Leon

> --

> Leon Heller, G1HSM

> leon_heller@hotmail.com

> http://www.geocities.com/leon_heller

Date: Wed, 26 Mar 2003 12:38:20 -0600

From: "George, W5YR" <w5yr@att.net>

To: <w5jay@alltel.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [148173] Re: Arkiecon Pre-registration nearing the end

Message-ID: <008101c2f3c6\$e0e95f20\$0401a8c0@PS>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, March 25, 2003 10:13 PM
Subject: Arkiecon Pre-registration nearing the end

> Hi Gang,
> The best QRP rig is the one you have to use or the one you win for free!!
I
> want to see some argue with that! YR George? :-)

Now, Jay, in all fairness, when did I ever argue with you?

You are absolutely correct, and I would still make room on the desk for that
Argo V - hint, hint!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

Date: Wed, 26 Mar 2003 14:09:03 -0800
From: "Jay Bromley" <w5jay@alltel.net>
To: "George, W5YR" <w5yr@att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148174] Re: Arkiecon Pre-registration nearing the end
Message-ID: <003101c2f3e4\$50b61b00\$639b66a6@ibm30528>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George I couldn't think of anyone more deserving than you! But Chuck Carpenter says it would look super next to the FT-817 he won from us a couple of years ago? Chuck also mentioned that he has remove all the dust bunnies that were next to the FT-817 in anticipation of things to come! :-)

Gosh were does the time go?

73 de jay..

>
>
> > Hi Gang,
> > The best QRP rig is the one you have to use or the one you win for free!!
> I
> > want to see some argue with that! YR George? :-)
>
> Now, Jay, in all fairness, when did I ever argue with you?
>
> You are absolutely correct, and I would still make room on the desk for that
> Argo V - hint, hint!
>
> 73/72, George
> Amateur Radio W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
> "In the 57th year and it just keeps getting better!"
> <mailto:w5yr@att.net>
>
>
>
>
>
>
>

Date: Wed, 26 Mar 2003 15:55:13 -0500
From: David Snowdon <norway@passport.ca>
To: qrp-l@lehigh.edu
Subject: [148175] Fairchild 95H90 info needed
Message-ID: <20030326155202.AFEE.NORWAY@passport.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Does anyone have the pin info for this chip. From Google I was able to learn that this is a 250MHz decade prescaler, and I would like to use it to increase the range of my Heathkit counter. I assume that this is an ECL chip, and can be configured to operate from a +5V supply like the 11C90 chip.

--

David Snowdon <norway@passport.ca>

Date: Wed, 26 Mar 2003 16:02:17 -0500
From: brewerj@squared.com
To: qrp-l@lehigh.edu
Subject: [148176] Cutting a branch
Message-ID: <0F5C79A8BB.D69E5B3A-ON85256CF5.007331BB@CIS.SQUARED.COM>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I've bought one of these things (the rope operated chain saw length...) ...

SOUNDS like a good idea, but there's no way of keeping the chain tooth side down and the designers neglected to take care of that by providing teeth on both sides. Guess which side the chain invariably settles itself as?

My first try would be to break the limb off... heave up a small line, then haul a 3/8 nylon rope up there and get you and two others to hand on the thing till it breaks.

Works for me!

John K5MO
John's Arboral Service
Clayton, NC :-)

Date: Wed, 26 Mar 2003 16:13:51 -0500
From: David Snowdon <norway@passport.ca>
To: qrp-l@lehigh.edu
Subject: [148177] 555 Timer History
Message-ID: <20030326161223.AFF0.NORWAY@passport.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

For anyone interested in the development history of the popular 555 timer, this article (written by the chip's inventor, Hans Camenzind) is an interesting read. It also describes the development of the newer Zetex ZSCT1555 timer that works at 1 volt:

<http://www.700series.com/spectrum.pdf>

--

David Snowdon <norway@passport.ca>

Date: Wed, 26 Mar 2003 15:28:30 -0600
From: "W8TIF - Karl" <kkanalz@gcecispc.com>
To: <w5yr@att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148178] Re: Arkiecon Pre-registration nearing the end
Message-ID: <03d901c2f3de\$a640a960\$c21a0ed0@HamShack>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nope, George! Chuck Carpenter "beat" me out of my door prize a couple of years ago (that "loaded" FT-817) and you ain't gonna' do it this year! I'm takin' that door prize home with ME (and Rosa-Maria) !!

Hands off, you mutt! [grin]

Karl K - W8TIF
McKinney, Texas

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 26, 2003 12:38 PM
Subject: Re: Arkiecon Pre-registration nearing the end

> From: "Jay Bromley" <w5jay@alltel.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, March 25, 2003 10:13 PM
> Subject: Arkiecon Pre-registration nearing the end
>

>
> > Hi Gang,
> > The best QRP rig is the one you have to use or the one you win for
free!!
> I
> > want to see some argue with that! YR George? :-)
>
> Now, Jay, in all fairness, when did I ever argue with you?
>
> You are absolutely correct, and I would still make room on the desk for
that
> Argo V - hint, hint!
>
> 73/72, George
> Amateur Radio W5YR - the Yellow Rose of Texas
> Fairview, TX

Date: Wed, 26 Mar 2003 21:36:56 -0000
From: "trickie@speed-mail.co.uk" <dick@trickie.com>
To: <GQRP@yahooogroups.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [148179] Altoids tin pics
Message-ID: <012101c2f3e0\$ab001b50\$253c0751@main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys

Many thanks to the dozens of people who sent me photos of rigs in Altoids
tins

Only one had the courage to send me a piccy of an Atoids tin full of - guess
what -
mints!!!!

Thank you for your help.

I plan to have the book available at Dayton and will, if not all sold will
leave
some with a good friend for you to share.

TTFN de ...

Dick Pascoe G0BPS
Vice President QRP-ARCI.
SSB & Data manager G-QRP Club

Do you Yahoo? My Messenger ID is G0BPS

All mail from me is checked by Norton
before posting and is (hopefully) Virus Free.

Date: Wed, 26 Mar 2003 17:45:02 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: qrp-1@Lehigh.EDU
Subject: [148180] BRAG: Happy Dance!
Message-ID: <3E822D6E.00000B.85247@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Finally, got STORY (what a phony sounding call!) on 15 and 10CW. 70W on 15,
but QRP on 10M!

Good use for those Fox-hunting skills!

+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Wed, 26 Mar 2003 18:04:42 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148181] Re: Cutting a branch
Message-ID: <5.2.0.9.0.20030326175101.00a51de0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:02 PM 3/26/2003, brewerj@squared.com wrote:
>I've bought one of these things (the rope operated chain saw length...) ...
>
>SOUNDS like a good idea, but there's no way of keeping the chain tooth
>side down
>and the designers neglected to take care of that by providing teeth on

>both sides.

>Guess which side the chain invariably settles itself as?

SNIP

I'm wondering if all these chain saw type rope operated devices are the same design.

I remember that Brookstone had these in their catalogs a few years ago. To me it seems like the assembly of the chain would be the key issue. In other words, Teeth cutting left and right and some 180 out vertically.

I'm curious to hear from folks who have had good luck with them and what was the source.

73

Pete NV4V

End of QRP-L Digest 2871

